

MATERIAL SAFETY DATA SHEET

MSDS

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Date-Issued: 09/19/1997
MSDS Ref. No. RPTM32518
Date-Revised: 09/19/1997
Revision No. New MSDS

Spa-Time pH Up

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Spa-Time pH Up
GENERAL USE: pH Increaser
CHEMICAL FAMILY: Alkali salt

MANUFACTURER

Recreational Water Products
Pool Time
PO Box 887
Scottsdale, GA 30079
Customer SERVICE: (800) 949-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Rocky Mountain (Medical) (303) 623-5716

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt. %	CAS Registry #	EINECS #
Sodium carbonate	100	497-19-8	207-838-8

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE

White, granular material

IMMEDIATE CONCERNS

CAUTION: Causes skin and eye irritation. Harmful if swallowed. Avoid contact with eyes, skin, or clothing. Wear goggles or safety glasses and rubber gloves when handling this product. May be irritating to nose and throat. Avoid breathing dust. Remove and wash contaminated clothing before reuse.

POTENTIAL HEALTH EFFECTS

EYES

CAUTION: Causes eye irritation. Avoid contact with eyes.

SKIN

CAUTION: Causes skin irritation. Avoid contact with skin.

INGESTION

Harmful if swallowed.

INHALATION

May be irritating to nose and throat. Avoid breathing dust or vapors.

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CHRONIC

There are no known chronic hazards

ROUTES OF ENTRY:

Skin Contact, Inhalation, Ingestion, Eye Contact

4. FIRST AID MEASURES

EYES

If contact with eyes occurs Immediately flush with cold water for at least 15 minutes Then get immediate medical attention

SKIN

If contact with skin Rinse off excess chemical and flush skin with cold water for at least 15 minutes If skin irritation develops, seek immediate medical attention

INGESTION

If swallowed Drink large amounts of water Do not induce vomiting Avoid alcohol NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON Call a physician or poison control center immediately

INHALATION

If inhaled Remove to fresh air If breathing is difficult have trained person administer oxygen If not breathing, give artificial respiration Call a physician immediately

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD Non-Flammable

GENERAL HAZARD

There are no unusual fire and explosion hazards known

EXTINGUISHING MEDIA

This material does not burn If exposed to fire from another source use suitable extinguishing agent for that fire

FIRE FIGHTING EQUIPMENT

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA) Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident

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6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES:

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: Utilizing appropriate protective clothing and safety equipment contain spilled material. Using clean dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place in clean dry plastic containers for disposal. Dispose of according to local, state, and federal regulations.

7. HANDLING AND STORAGE

GENERAL PROCEDURES

Avoid contact with eyes, skin or clothing. Avoid breathing dust.

HANDLING

Mix only with water. Never add water to product. Always add product to large quantities of water. Do not mix with other chemicals. Use clean dry utensils. Do not add this product to any dispensing device containing remnants of any other product. Such use may cause a violent reaction leading to fire or explosion.

STORAGE

Keep this product in its original container when not in use. Store in cool, dry, well-ventilated area. Keep this product and all other chemicals out of children's reach.

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS			
		OSHA PEL	ACGIH TLV	SUPPLIER OEL	
		ppm	mg/m ³	ppm	mg/m ³
Sodium carbonate	TWA	N/E ⁽¹⁾	N/E		

OSHA TABLE COMMENTS

1 N/E = Not Established

ENGINEERING CONTROLS

General room ventilation plus local exhaust should be used to minimize exposure to dust/vapors.

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PERSONAL PROTECTIVE EQUIPMENT:

EYES AND FACE

Wear goggles or safety glasses with side shields when handling this product

SKIN

Wear rubber gloves when handling this product. Avoid contact with skin

RESPIRATORY

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use

WORK HYGIENIC PRACTICES.

Remove and wash contaminated clothing before reuse

OTHER USE PRECAUTIONS

Facilities storing or utilizing this material should be equipped with an eyewash and safety shower

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE: Solid

ODOR: Odorless

APPEARANCE: Granules

COLOR: White

pH: 11.6 (1% solution)

MELTING POINT: 851°C (1564°F)

THERMAL DECOMPOSITION: 400°C

SOLUBILITY IN WATER: 33g/100g water

DENSITY: 62.0 lb/cu ft

SPECIFIC GRAVITY: 2.533 (water=1) at 25°C

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

High temperature, Poor ventilation, Contamination, Moisture/high humidity

STABILITY

This product is stable under normal conditions

POLYMERIZATION

Hazardous polymerization will not occur under normal conditions

HAZARDOUS DECOMPOSITION PRODUCTS

Carbon dioxide is evolved at very high temperatures (1000°C, 1832°F) or when mixed with acids

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INCOMPATIBLE MATERIALS

Avoid contact with water on concentrated material in the container. Avoid strong acids and all other swimming pool/spa chemicals in their concentrated forms.

11. TOXICOLOGICAL INFORMATION

ACUTE

ORAL LD₅₀: 4090 mg/kg of body weight in rats

INHALATION LC₅₀: 2300 mg/m³ in rats

EYE EFFECTS

This product is an eye irritant.

SKIN EFFECTS

This product is a skin irritant.

CARCINOGENICITY

This product is not listed as a carcinogen by IARC.

This product is not listed as a carcinogen by NTP.

This product is not listed as a carcinogen by OSHA.

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

This product may be toxic to fish and aquatic organisms. Keep product from entering waterways and watersheds.

13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction or fire.

PRODUCT DISPOSAL

Disposal of unused, uncontaminated product is regulated according to local, state and federal regulations.

EMPTY CONTAINER

Do not reuse container. Rinse thoroughly before discarding in trash.

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14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)
PROPER SHIPPING NAME: Sodium carbonate
PRIMARY HAZARD CLASS/DIVISION: Not listed
UN/NA NUMBER: Not Listed

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)
313 REPORTABLE INGREDIENTS: This product or its components are not listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION AND LIABILITY ACT)
CERCLA REGULATORY: This product or its components are not listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)
TSCA REGULATORY: This product or its components are not subject to export notification
TSCA STATUS: This product or its components are listed on the TSCA Inventory

RCRA STATUS:
This product, as sold, would not be considered a RCRA Hazardous Waste

OSHA HAZARD COMM. RULE
Product is hazardous by definition of the Hazardous Communication Standard

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE AND RODENTICIDE ACT)
This product is not a registered pesticide

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

NFPA CODES

HEALTH 1 FIRE 0 REACTIVITY 0

HMIS CODES

HEALTH 1 FIRE 0 REACTIVITY 0 PROTECTION B

MANUFACTURER DISCLAIMER:

IMPORTANT: This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
